

Converting Colors

Hex(2A8457)

Have a look what the booklet for
Hex(2A8457) contains.

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Color

Hex(2A8457)

Conversions

Conversions Part 1

Format	Color
Hex	2A8457
RGB	42, 132, 87
RGB Percent	16%, 52%, 34%
CMY	0.8353, 0.4824, 0.6588
CMYK	0.68, 0.00, 0.34, 0.48
HSL	150°, 52%, 34%
HSV	150°, 68%, 52%
XYZ	10.9264, 17.6829, 11.8541
YIQ	99.9600, -39.1950, -33.0750

Conversions

Conversions Part 2

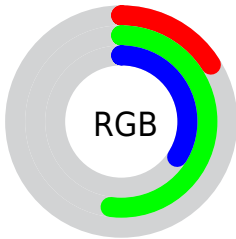
Format	Color
R_{YB}	42, 102, 132
Decimal	2786391
CIE _{Lab}	49.11, -37.53, 16.76
CIE _{LCh}	49, 41.097, 155.935
Yxy	17.6829, 0.2700, 0.4370
Android (android.graphics.Color)	4280976471 (0xFF2A8457)
YUV	99.9600, -6.3893, -50.8309
Hunter-Lab	42.0510, -27.2084, 12.7220

Details

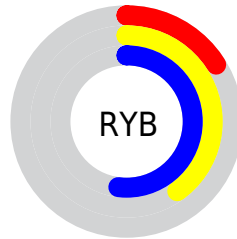
The Hex color **2A8457** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **842A57**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **63BA89**, and **005129** is the 20% darker color. If you saturate the color by 10%, you get **1D8450**, and if you desaturate by 10%, it is **37845E**.

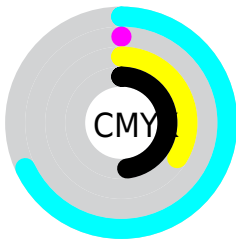
Distribution



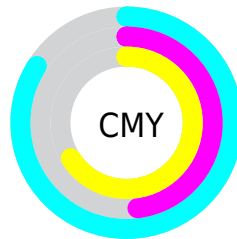
- Red (16%)
- Green (52%)
- Blue (34%)



- Red (16%)
- Yellow (40%)
- Blue (52%)



- Cyan (68%)
- Magenta (0%)
- Yellow (34%)
- Black (48%)



- Cyan (84%)
- Magenta (48%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A8457 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 2A8457 by changing the saturation by 10% instead.

 2A8457

 2A8457

FFFFFF

 006A3F

 63BA89

 005129

 7ED6A3

 003A14

 9AF2BF

 002500

 B6FFDA

 000000

 D3FFF7

 F0FFFF

 2A8457

 2A8457

 1D8450

 37845E

■ 10844A

■ 448464

■ 028443

■ 52846B

■ 008442

■ 5F8471

■ 6C8478

■ 79847F

■ 868485

■ 94848C

■ A18492

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



5D7E3A



2A8457



00867B

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2A8457



4276BA



B25C4E

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



2A8457



842A57

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



B5566F



2A8457



8069AD

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



2A8457



0080B4



A55C92



9F6935

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



2A8457



008692



A55C92



B55958

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



2A8457



89AB9A



57842A



42574C



D6D6D6



575757

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



2A8457



1FAB65



2A8484



3C423F



008241



000301

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



842A57



AB1F65



842A2A



423C3F



820041



030001

Previews

White Background



This preview shows how the Hex color 2A8457 looks on a white background.

Color Contrast Check

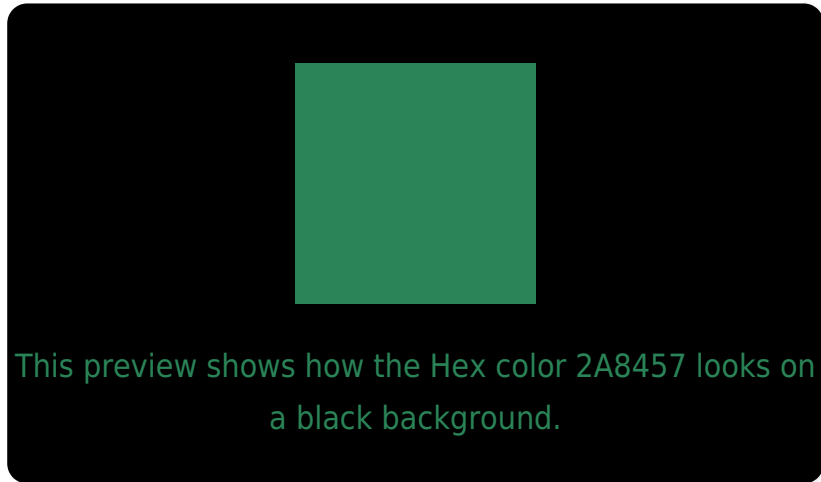
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2A8457 Background



This preview shows how black text looks on a background with the Hex color 2A8457.



This preview shows how white text looks on a background with the Hex color 2A8457.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
2A8457

Protanopia
7D7450

Deuteranopia
876F5C



Tritanopia
3C7E88

Trichromacy



Original Color
2A8457



Protanomaly
5F7A53



Deuteranomaly
65775A



Tritanomaly
358076

Monochromacy



Original Color
2A8457



Achromatopsia
646464



Achromatomaly
4F705F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A8457 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #2A8457 looks like.

```
.text, #text, p{  
    color:#2A8457  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #2A8457 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A8457
}
```

Border

The CSS property to change the border of an element to Hex 2A8457 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A8457 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#2A8457 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #2A8457 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A8457; -webkit-box-shadow:4px 4px  
4px 4px #2A8457; box-shadow:4px 4px 4px  
4px #2A8457 }
```

Background

The CSS property to change the background color of an element to Hex 2A8457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A8457 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#2A8457 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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